

Certificate of Analysis for NR-8039

Francisella tularensis subsp. novicida, "Two-Allele" Transposon Mutant Library, Plate 5 (tnfn1_pw060323p05)

Catalog No. NR-8039

Product Description: NR-8039 represents Plate 5 (tnfn1_pw060323p05) of the "two-allele" 3050-member sublibrary of a comprehensive 16508-member transposon mutant library of sequence-defined transposon insertion mutants of *Francisella tularensis* subsp. *novicida*, strain U112.

Lot¹: 57926514 Manufacturing Date: 07DEC2007

| TEST | SPECIFICATIONS | RESULTS |
|--------------------------------------|----------------|---|
| Viability (post-freeze) ¹ | Report results | Growth from all wells |
| Purity (post-freeze) ¹ | Report results | Single colony type consistent with F. tularensis subsp. novicida from all wells |

¹24 hours at 37°C and aerobic atmosphere with 5% CO₂ on chocolate agar

Date: 20 JUL 2009 **Signature:** Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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